OIPE

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

SEP 2' 3 2004

## INFORMATION DISCLOSURE STATEMENT BY APPEICANT

(Use as many shoets as necessary)

| Complete if Known      |              |             |  |  |  |  |  |  |  |  |
|------------------------|--------------|-------------|--|--|--|--|--|--|--|--|
| Application Number     | 10/656653    | <del></del> |  |  |  |  |  |  |  |  |
| Filing Date            | 09/03/2003   |             |  |  |  |  |  |  |  |  |
| First Named Inventor   | COOK         |             |  |  |  |  |  |  |  |  |
| Art Unit               | 3761         |             |  |  |  |  |  |  |  |  |
| Examiner Name          |              |             |  |  |  |  |  |  |  |  |
| Attorney Docket Number | COOK 8713 C4 |             |  |  |  |  |  |  |  |  |

|                       |                |  | U. S. PATEN                    | T DOCUMENTS   |   |
|-----------------------|----------------|--|--------------------------------|---|---|
| Examiner<br>Initiats* | Cite<br>No.1   | Document Number  Number-Kind Code <sup>2 (F known)</sup> | Publication Date<br>MM-DD-YYYY | Name of Patentiee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| DE                    | DE US- 6705322 |  | 10/16/2003                     | CHANG   | WHOLE DOCUMENT  |
|                       |                | US-  |                                |   |   |
|                       |                | US   |                                |   |   |
|                       |                | US-  |                                |   |   |
| <u> </u>              |                | US-  |                                |   |   |
|                       |                | US-  |                                |   |   |
|                       |                | US-  |                                |   |   |
|                       |                | US-  |                                | •   |   |
|                       |                | US-  |                                |   |   |
|                       | l              | US-  |                                |   |   |

| Examiner Initials* | Cite<br>No.1 | Foreign Patent Document   | Publication Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages | Γ |  |
|--------------------|--------------|---|------------------|--|---|---|--|
|                    |              | Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>3</sup> (II known) | MM-DD-YYYY       |  | Or Relevant Figures Appear                        |   |  |
| DE                 |              | PCT WO 00/20062   | 04/13/2000       | BRAIN  | WHOLE DOCUMENT                                    | L |  |
| 1                  |              | GB 2357437  | 06/27/2001       | соок   | WHOLE DOCUMENT                                    |   |  |
| 1/                 |              | GB 2374289  | 10/16/2002       | СООК   | WHOLE DOCUMENT                                    |   |  |
| lacksquare         |              | GB 2323289  | 09/23/1998       | PAGAN  | WHOLE DOCUMENT                                    | Ľ |  |
|                    |              |   |                  |  |   | Γ |  |
|                    | $\vdash$     |   |                  | <u> </u>   |   | Γ |  |

Examiner Signature /Darwin Erezo/ Date Considered 09/26/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, trickude copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 kind of document by the appropriate symbots as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English tanguage Translation is attached.

Transation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petert and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Complete if Known

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE work Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Obstitute for form 1449/PTO

OVA TRAD

Sheet

**Application Number** 456653 Filing Date First Named Inventor COOK

Art Unit

**Examiner Name** 

Attorney Docket Number

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number  Number-Kind Code <sup>2 (# known)</sup> | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |  |
|-----------------------|--------------------------|--|--------------------------------|--|---|--|--|
| DE                    |                          | <sup>US-</sup> 6705318                                   | 03-16-200                      | BRAIN  | FIGURE 5A   |  |  |
| 14-                   |                          | US- 2001/0050082A  | 12-13-2001                     | CHRISOPHER   | MEMBER 31   |  |  |
| $\mathbf{V}_{-}$      |                          | US- 4503514A   | 03-05-1985                     | CHRISOPHER<br>BRAIN                                | WHOLE DOCUMENT  |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  | •                              |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  |                                | !  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       | ļ                        | US-  |                                |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |
|                       |                          | US-  | 1                              |  |   |  |  |
|                       |                          | US-  |                                |  |   |  |  |

| Examiner Initials* | Cite<br>No.1 | Foreign Patent Document   | Publication Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages | Π  |
|--------------------|--------------|---|------------------|--|---|----|
|                    |              | Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>3</sup> (if known) | MM-OD-YYYY       |  | Or Relevant Figures Appear                        | To |
| DE                 |              | GB2374289A  | 10-16-2002       | соок   | FIGURES   |    |
| 1/                 |              | EP0865789   | 09-23-198        | SMITHS   | FIGURES   |    |
| V                  |              | EP0294200A3   | 12-07-1988       | BRAIN  | SLIT 25   | L  |
|                    |              |   |                  |  |   | ┢  |
|                    |              |   |                  |  |   | ┢  |

| Examiner<br>Signature | /Darwin Erezo | Date Consi | dered 09/26/2006 |
|-----------------------|---------------|------------|------------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

| FORM   |                       |       |      |      |      |       |          |          |  |  |          | IEN      | T         | ATT                        | Y. DOCKET                             |              | SERIAL   | NO.:            |  |
|--|-----------------------|-------|------|------|------|-------|----------|----------|--|--|----------|----------|-----------|----------------------------|---------------------------------------|--------------|--|-----------------|--|
| OF C   | OMM                   | ERC   | E,   |      |      |       | AN       | D T      | RA   | DEI  | MAF      | RK       |           | NO.                        | COOK 8713                             | 3C4          |  |                 |  |
| 1  |                       |       |      | 0    | FFI  | CE    |          |          |  |  |          |          |           |                            |                                       | 1            |  |                 |  |
| İ  |                       |       |      |      |      |       |          |          |  |  |          |          |           |                            |                                       |              |  |                 |  |
| 1  |                       | FOR   |      |      |      |       |          |          |  | _  |          |          |           | APP                        | LICANT: Dai                           | niel J. (    | Cook   |                 |  |
| .]   | 31                    | ATE   | :Wi  | ENI  | B,   | YA    | PP       | UC.      | AN   | ſ  |          |          |           | 1                          |                                       |              |  |                 |  |
| •  | (Us                   | e se  | ver  | al s | hee  | ets i | f ne     | ces      | san  | y)   |          |          |           | Filin                      | Filing Date: Herewith   Group:        |              |  |                 |  |
| <del></del>                                      |                       |       |      | _    |      |       |          |          |  | _  |          |          |           |                            | g Date: Heles                         |              | Cioup.   |                 |  |
|  | U.S. PATENT DOCUMENTS |       |      |      |      |       |          |          |  |  |          |          |           |                            |                                       |              |  |                 |  |
| Examiner   |                       |       |      |      |      |       |          |          |  |  |          |          |           |                            | Patent Issue [                        | Date OR      |  |                 |  |
| Initial  | Document Number       |       |      |      |      |       |          |          |  |  |          |          |           | Kind                       | US App. Pub.                          |              | S   N  | lame            |  |
|  | Ì                     |       |      |      |      |       |          |          |  |  |          |          |           | Code                       | US Non-Pul                            |              |  | ]               |  |
| •  |                       |       |      |      |      |       |          |          |  |  |          |          |           | (click                     | Application Fil                       | ing Date     | :  | 1               |  |
| DE   | us                    | 3     | 7    | 3    | 4    | 11    | To       | Ō        | τ-   | T -  | τ-       | $\vdash$ | !         | nere)                      | 5/22/19                               | 72           | 184-11-  | 4-3             |  |
| <del></del>                                      | US                    | 4     | 1    | 4    | 6    | 6     | 3        | 4        | ⊢  | ┝  | ╁        | $\vdash$ |           |                            | 3/27/19                               |              | Walk e   | it al.          |  |
| <del>                                     </del> | US                    | 4     | 5    | 0    | 9    | 5     | 1        | 4        | -  | -  | ┼        | $\vdash$ |           |                            | 4/9/198                               |              | Brain  |                 |  |
| <del>                                     </del> | US                    | 4     |      | 7    | 4    | 4     | 9        | 6        | 十  | -  | 1        | $\vdash$ |           |                            | 6/23/19                               |              |  | an et al.       |  |
|  | US                    | 4     |      | 6    | 3    | 4     | 3        | 9        | <del>                                     </del> | <del>                                     </del> | †        | Н        | -         |                            | 9/5/198                               |              | Sande  |                 |  |
|  | US                    |       |      |      |      |       |          |          |  |  | T        |          |           |                            | 2/26/19                               |              | Brain  |                 |  |
|  | us                    | 5     | 0    | 2    | 4    | 2     | 2        | 0        | Т  |  |          |          |           |                            | 6/18/19                               |              |  | reen et al.     |  |
|  | US                    | 5     | 2    | 7    | 7    | 1     | 7        | 8        |  |  |          |          |           |                            | 1/11/19                               | 94           | Dingley  |                 |  |
|  | US                    | 5     | 2    | 8    | 2    | 4     | 6        | 4        |  | $\Box$   |          |          |           |                            | 2/1/199                               | 4            | Brain  |                 |  |
| <u> </u>   | US                    | 5     | 3    | 0    | 3    | 6     | 9        | 17       | L  | _  | L        |          |           |                            | 4/19/19                               |              | Brain  |                 |  |
|  | US                    | 5     | 3    | 9    | 1    | 2     | 4        | 8        | 1_   | <u> </u>   | <u> </u> | Ш        |           |                            | 2/21/19                               | Brain        |  |                 |  |
|  | US                    | 5     | 3    | 9    | 2    | 17    | 7        | 4        |  | <u> </u>   | <u></u>  |          |           |                            | 2/28/19                               | 95           | Sato   |                 |  |
|  |                       |       |      |      |      |       |          | FC       | R  | EIG  | <u>N</u> | PA       | <u>TE</u> | NT D                       | CUMENTS                               |              |  | -               |  |
|  | Exan                  |       |      |      |      |       |          |          |  |  |          |          |           |                            | · · · · · · · · · · · · · · · · · · · | Transi       | ation  | 1               |  |
|  | Initia                |       |      | Do   | cur  | ner   | It N     | um       | ber  |  |          | Date     | 4         |                            | Country                               | Yes          | No   | 1               |  |
|  | <b> </b>              |       | _    | _    |      |       | ļ        | <b> </b> | -  | -  | _        |          |           |                            |                                       | <del> </del> | ļ  | ł               |  |
|  |                       |       |      |      | _    |       | <u> </u> | _        | Н  |  | _        |          |           |                            | <del></del>                           | ļ            | <del> </del>                                     | ł               |  |
|  | <b>}</b> -            |       | -    |      |      | -     | -        | -        | Н  |  | -        |          | -+        |                            | <del></del>                           | <del> </del> | <del> </del>                                     | i               |  |
|  | <del> </del>          |       | -    |      | -    |       | $\vdash$ | ┢        | Н  |  | ┢        |          | -         | <del></del>                | <del></del>                           |              | <del>                                     </del> |                 |  |
|  |                       | OTH   | IEI  | R E  |      | CŲ    | M        | N'       | TS   | (In  | clu      | ıdir     | ıg .      | Autho                      | r, Title, Date                        | . Perti      | nent Pa  | ı<br>aes. Etc.) |  |
|  |                       | T     | T    |      |      |       |          |          |  |  |          |          |           |                            |                                       |              |  |                 |  |
|  |                       |       | I    |      |      |       |          |          |  |  |          |          |           |                            |                                       |              |  |                 |  |
| 1  | - [                   | L     |      |      |      |       |          |          |  |  |          |          |           |                            |                                       |              |  |                 |  |
|  |                       |       | L    |      |      |       |          |          |  |  |          |          |           |                            | ····                                  |              |  |                 |  |
|  |                       |       |      |      |      |       |          |          |  |  |          |          | .,        |                            |                                       | <del> </del> |  |                 |  |
| EXAMIN   | NER                   |       | /D   | ar   | wi   | n :   | Er       | ezc      | )/   |  |          |          |           | DATE CONSIDERED 09/26/2006 |                                       |              |  |                 |  |
|  |                       |       | , -  |      |      |       |          |          |  |  |          |          | ┸         |                            |                                       |              | · ·  |                 |  |
|  |                       | _     |      |      |      |       |          |          |  |  |          |          |           |                            |                                       |              |  |                 |  |
| FXAMIN   | JER:                  | Initi | al i | fc   | itat | ion   | C        | ne       | ide  | ror  | 1 4      | ha       | the       | F OF D                     | ot citation is in                     | confo        | rmanoa   | with MDED       |  |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

Express Mail No. EL 978718828 US

| FORM         | PTO          |                                      |             |           |                     |          |        |          |          |          | -        | EN          | T  |              | . DOCKET                       |             | ERIAL           | NO.:  |  |
|--------------|--------------|--------------------------------------|-------------|-----------|---------------------|----------|--------|----------|----------|----------|----------|-------------|--|--------------|--------------------------------|-------------|-----------------|---|--|
| OF C         | CIMIMI       | ERL                                  | <b>,</b> E, |           | FFH                 |          | -AIVIL | , 11     | W.L      | JEN      | IPAT     | \N          |  | NO.:         | COOK 8713                      | C4          |                 |   |  |
|              |              |                                      |             |           | )<br>B)             |          |        |          |          | -        |          |             |  | APP          | APPLICANT: Daniel J. Cook      |             |                 |   |  |
| <u> </u>     | (Us          | e se                                 | ver         | al s      | hee                 | ts i     | ne     | ces      | san      | /)       |          |             |  | Filing       | Date: Herew                    | ith C       | Froup:          |   |  |
|              |              |                                      |             |           |                     |          |        |          | U.       | S. 1     | PA       | TE          | NT   | DOC          | UMENTS                         |             |                 |   |  |
| Examiner     |              |                                      |             |           |                     |          |        |          |          |          |          |             |  | IZin d       | Patent Issue D                 |             |                 |   |  |
| Initial      |              |                                      | ,           | ٥٥٥       | mux                 | ent      | NU     | nD€      | er.      |          |          |             | ١,   | Kind<br>Code | US App. Pub. I<br>US Non-Pub   |             | il '            | iame  |  |
|              | ļ            |                                      |             |           |                     |          |        |          |          |          |          |             |  | (click       |                                |             |                 | {   |  |
|              |              |                                      |             |           |                     |          |        |          |          |          |          |             |  | here)        |                                |             | <u> </u>        |   |  |
| DE           | US           | 5                                    | 5           | _         | 9                   |          | _      | 2        | _        | _        | L        | 1           | _  |              | 6/25/199                       |             | Fukuha          |   |  |
|              | US           |                                      |             |           |                     |          |        |          |          |          |          |             |  |              | 8/13/199<br>10/29/19           |             | Maeda           | orst et al.                                       |  |
|              | US           | US 5 5 6 9 2 2 2 US US 5 6 2 3 9 2 1 |             |           |                     |          |        |          |          |          |          |             | ╁  |              | 4/29/19                        |             |                 | er et al.   |  |
|              | US           | 5                                    |             | 3         | 12                  |          |        | 1        | -        | ┢        | $\vdash$ | †-          | <del>                                     </del> |              | 5/27/199                       |             | Brain           |   |  |
|              | US           | 5                                    | 6           | 4         | 3                   | 17       | 7      | 4        |          | <u> </u> | T        | 1           |  |              | 07/1/199                       | )7          | Yamamato et al. |   |  |
|              | US           | 5                                    | 6           | 5         | 3                   | 2        | 3      | 1        |          |          |          |             |  |              | 8/5/199                        | 7           | Bell            |   |  |
|              | US           | 5                                    | 6           | 8         | 2                   | 8        | 8      | 0        |          |          | L        |             |  |              | 11/4/199<br>2/3/199            |             | Brain           |   |  |
|              | US           | 5                                    | 7           | 1         | 3                   | 3        | 4      | 8        | 1        | ļ        | _        | ↓_          | ↓_   |              | Pell                           |             |                 |   |  |
|              | US           | 5                                    | 7           | 7         | 2                   | 6        | 4      | 3        | ├-       | <u> </u> | -        | ╁           | ├-   |              | 6/30/199<br>8/4/199            | Howel       |                 |   |  |
| <del>\</del> | US           | 5                                    | 7           | 7         | <del>7</del><br>  8 | 8        | 7      | <u> </u> | ╂        | ├─       | ┝        | +-          | -  |              | 3/9/199                        |             | Brain           | <del>'</del>                                      |  |
| _\_          | 100          | 12                                   | 12          | <u>''</u> | 10                  | 15       | 1.7.   | _        | P        | FIG      | N:       | PA          | TE   | NT DO        | CUMENTS                        | <u> </u>    | 10.000          | ······································            |  |
|              | Exan         | oine                                 | -           | Τ         |                     |          |        | -        | //\      |          | -114     | <del></del> |  |              | JOURLING                       | Transla     | tion            | 1   |  |
|              | Initial      |                                      |             | 100       | ocui                | mei      | nt N   | um       | ber      |          | _        | Date        | В  |              | Country                        | Yes         | No              | 1   |  |
|              | 4 1100       |                                      |             |           | 1                   | 1        | Ï      |          | <u> </u> | Γ        |          |             | _  |              |                                |             |                 | 1   |  |
|              |              |                                      |             |           |                     |          |        |          |          |          |          |             |  |              |                                |             |                 | ]   |  |
|              |              |                                      |             |           | $\Box$              |          |        |          |          |          |          |             |  |              |                                |             |                 | ]   |  |
|              |              |                                      |             | L         | <u> </u>            | <u> </u> | L_     | _        | <u> </u> | <u> </u> | L        |             |  | L            |                                |             |                 | 1   |  |
|              | ــــــر      | ) TI                                 | HE          | RI        |                     | CU       | ME     | N.       | TS       | (In      | cl       | udi         | na   | Autho        | r, Title, Date                 | . Perti     | nent Pa         | J<br>laes. Etc.)                                  |  |
|              | T            | T                                    | Ī           |           |                     |          |        |          | _        | 7        |          |             |  |              |                                |             |                 |   |  |
|              | _            | 4                                    | 4           |           |                     |          |        |          |          |          |          |             |  |              |                                |             |                 |   |  |
|              |              | -                                    | +           |           |                     |          |        |          |          |          |          |             |  |              | <del></del>                    | <del></del> | <del></del>     |   |  |
| <u></u>      | <del>-</del> |                                      | -1-         |           |                     |          |        |          | _        |          | -        |             |  |              | <del></del>                    |             |                 | <del>· · · · · · · · · · · · · · · · · · · </del> |  |
| EXAMI        | NER          |                                      | /D          | ar        | wi                  | n I      | Ere    | ZO       | /        |          |          |             |  | DATE         | CONSIDERE                      | D 0         | 9/26/           | 2006  |  |
|              |              |                                      |             |           |                     |          |        |          |          |          |          |             |  |              |                                |             |                 |   |  |
|              | raw li       | ne                                   | thr         | ou        | gh                  | cita     | itio   | n il     | nc       | ot ir    | 10       | onf         | om   |              | ot citation is in and not cons |             |                 |   |  |

|          | OF COMMERCE, PATENT AND TRADEMARK OFFICE             |  |  |          |            |             |   |      |              |              |            |              |             |          | NO.: COOK 8713C4 SERIAL NO.:    |  |                         |               |             |  |
|----------|--|--|--|----------|------------|-------------|---|------|--------------|--------------|------------|--------------|-------------|----------|---------------------------------|--|-------------------------|---------------|-------------|--|
|          | INFORMATION DISCLOSURE STATEMENT BY APPLICANT        |  |  |          |            |             |   |      |              |              |            |              |             |          | APPLICANT: Daniel J. Cook       |  |                         |               |             |  |
|          |  | (Use                                     | e se                                   | ver      | al s       | hee         | ts if   | ne   | ces          | san          | y)         |              |             |          | Filing                          | Date: Herew                                      | ith (                   | Group:        | Group:      |  |
|          | U.S. PATENT DOCUMENTS  Examiner Patent Issue Date OR |  |  |          |            |             |   |      |              |              |            |              |             |          |                                 |  |                         |               |             |  |
|          | xaminer<br>Initial                                   | Document Number                          |  |          |            |             |   |      |              |              |            |              |             |          | Kind<br>Code<br>(click<br>here) | US App. Pub. I<br>US Non-Pub<br>Application Fili | Date OR Name<br>blished |               | lame        |  |
|          | DE   | US                                       | 5                                      | 9        | 3          | 7           | 8   | 6    |              |              |            |              |             |          |                                 | 8/17/199   |                         | Cook          |             |  |
|          |  | US                                       |  | 9        | 7          | 9           | 4   | 4    | 5            | L            |            | L            |             |          |                                 | 11/9/199   |                         | Neam          |             |  |
| Ľ        | $\backslash\!\!\!/$                                  | US                                       | 6                                      | 0        | 2          | 1           | 17  | 7    | 9            | <u>Ļ</u>     | ۱.         | ┞-           | ↓_          | <u> </u> |                                 | 2/8/200<br>7/17/200                              |                         | Pagan         |             |  |
| -        | <u> </u>   | บร                                       | 6                                      | 2        | 6          | 11          | 4   | 0    | 11           | В            | 1          | ╢            | ╀╌          | -        |                                 | (11/1200   | <u> </u>                | Pagan         |             |  |
| $\vdash$ |  | US                                       |  |          |            |             |   |      |              |              |            |              | ╁           | -        |                                 |  |                         | +             |             |  |
|          |  | us I I I I I I I I I I I I I I I I I I I |  |          |            |             |   |      |              |              |            | 十            | 1           |          |                                 | <u> </u>   |                         | 1             |             |  |
|          |  | us I I I I I I                           |  |          |            |             |   |      |              |              |            |              |             |          |                                 |  |                         |               |             |  |
|          |  | us I I I I I I I I I I I I I I I I I I I |  |          |            |             |   |      |              |              |            |              |             |          |                                 |  |                         |               |             |  |
|          |  | US                                       |  |          | L          | L           | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |      | L            | L            | <u> </u>   | L            | <u> </u>    |          |                                 |  |                         | <del></del>   |             |  |
| L        |  | US                                       | ↓_                                     | <b> </b> | ↓          | <b> </b>    | ↓_  | -    | <del> </del> | <b>├</b>     | ļ.,        | ┞-           |             | ╙        |                                 |  |                         | <del>-}</del> |             |  |
| L_       |  | US                                       | _                                      | <u></u>  | <u></u>    | L           | ــــــــــــــــــــــــــــــــــــــ  |      | <u></u>      | <u></u>      | <u> </u>   | <u></u>      |             | <u> </u> | AIT DA                          | 201145130  |                         |               |             |  |
|          |  |  |  |          |            |             |   |      | F            | JK           | EIG        | N            | PA          | 1 =      | אם וא                           | OCUMENTS   | T                       | 4:            | ר           |  |
|          |  | Exam<br>Initial                          |  | ſ        | <u></u>    |             |   | nt N |              |              |            | _            | Date        | _        |                                 | Country  | Transk<br>Yes           | No            | 1           |  |
|          |  | initiai                                  |  |          | 150        | T           | 1   | I    | l um         | Dei          | Ι-         | <del> </del> | Dale        | -        |                                 | Country  | 163                     | 110           | 1           |  |
|          |  | <b></b> -                                |  |          | ╁          | 1           | 1   | 1    |              | <del> </del> | -          | -            |             |          |                                 | <del></del>                                      |                         | 1             | 1           |  |
|          |  |  |  |          |            |             |   |      |              |              |            |              |             |          |                                 |  |                         |               | ]           |  |
|          |  |  |  |          |            |             |   |      |              |              |            |              |             |          |                                 |  |                         | ļ             |             |  |
|          |  | L  |  |          | L          | L           | <u> </u>  | L    |              | L            | L_         | L            |             |          | <u> </u>                        |  | <u> </u>                |               | ]           |  |
| _        |  |  | OTI                                    | HE       | <u>R</u> I | <u> </u>    | CU  | M    | EN           | <u>TS</u>    | (In        | cli          | udi         | ng       | Autho                           | r, Title, Date                                   | <u>, Perti</u>          | nent Pa       | iges, Etc.) |  |
| 1        |  | 1  | L                                      | 4        |            |             |   |      |              |              |            |              |             |          |                                 |  |                         |               |             |  |
| L        |  |  | 4                                      | 4        | -          |             |   |      |              |              |            |              |             |          |                                 |  |                         |               |             |  |
|          |  |  | $\vdash$                               | +        |            |             |   |      |              |              |            |              |             |          | · · ·                           |  |                         |               |             |  |
| L        |  |  | ــــــــــــــــــــــــــــــــــــــ | ۰        |            |             |   |      |              |              |            |              |             |          |                                 |  |                         |               |             |  |
|          | EXAMIN   | JED                                      | _                                      |          |            |             |   |      |              |              |            | -            |             | П        | DATE                            | CONSIDERE  | n /                     | 10/26/        | 2006        |  |
| Ĺ        | _^~\IVIII  | 1LIN                                     |  | /D       | arı        | wi:         | ı F   | cre  | zo           | /            |            |              |             |          |                                 |  |                         | )9/26/        |             |  |
| _        |  |  |  |          |            | <del></del> |   |      |              |              |            | _            | <del></del> | . 45     |                                 | A = *4 = A*                                      |                         |               | al MDED     |  |
| 16       |  | raw li                                   | ne                                     | thr      | ou         | gh ·        | cita  | atio | n i          | nc           | ot it      | 1 0          | onf         | om       | nance                           | ot citation is in<br>and not cons                |                         |               |             |  |
| L        | 1101 611   | A AAICI                                  |  | -11      | <u>~</u>   |             | 141   | 1100 | <u> </u>     |              | <u>_</u> u | 22           |             |          |                                 |  |                         |               |             |  |

(Form PTO-1449)

Express Mail No. EL 978718828 US